



CITY OF SUGAR LAND

Engineering Department

CIP Project Number: WW0901

Title: Treatment Plant Flow Diversion (North to West)

Project Phase: Land

% of Phase Completion



Cost for this Phase: \$ 185,000

Funding Sources: System Revenues

Project Manager: Taylor

Contractor: TBD

Consultant: AECOM

Project Description: Diversion of up to approximately 3.0 MGD of wastewater flow from the NWWTP to the WWTP (New Territory) through a newly constructed 24-inch force main, 17,000 feet in length. FY2009 will include Preliminary Engineering Report and easement acquisition, followed by design in 2010 and construction in 2011 for the 24-inch diameter force main.

Justification: The north plant will reach 75% capacity by 2012. A portion of the flow will be diverted to the South Plant. However, to prevent the south plant's capacity from being exceeded, 0.75 MGD should be diverted from the north plant to the west plant through a newly constructed 24-inch diameter force main.

Updates: **December 2008**-AECOM selected as design firm for the PER. A proposal is being negotiated and is anticipated to be presented to council January 20th, 2009 for award of PER design contract.

March 2009 – Met with AECOM on 3/16/09 to discuss the route analysis and alternatives. Decided that the original route is still preferred for the alignment of the force main diversion. AECOM will move forward with determining the ROW and easement requirements and verifying size of pipe that will be necessary to maintain minimum flows per TCEQ and a parallel line size for ultimate flow diversion.

June 2009- PER being performed by AECOM. Report has been submitted and is being reviewed by Utilities and Engineering. Project is 60% complete and on schedule. Landmark has been given the easement documents and are beginning title research of the parcels where easements will be required.

July 2009-

August 2009-

September 2009- Final draft of PER expected in October. Land acquisition phase is underway by consultant. Design phase has been postponed until 2011 due to slowed development and postponement of the West Treatment Plant Expansion.

October –

November 2009 –

December 2009 –

January 2010 – Title work and surveying is complete. Market studies have been completed for the different land use and economic segments in the alignment. Initial contact letters will go out this month.